

What is claim d is:

1. A hydraulic control apparatus for a V-belt type continuously variable transmission in which a primary pressure is applied on the primary pulley connected to an engine side and a secondary pressure is applied on the secondary pulley connected to an output shaft, comprising:

an oil pump connected to the engine, for generating a basic pressure for a line pressure as a basic pressure for the primary pressure and the secondary pressure;

a hydraulic control section that controls the line pressure and the secondary pressure;

range detecting means for detecting a range selected by an operator; and

engine speed detecting means for detecting a revolution speed of the engine; and

wherein said hydraulic control section is operable during a predetermined period of time after said range detecting means detects a change from a driving range to a non-driving range or a change from the non-driving range to the driving range, or when the non-driving range is detected, for calculating a value of the line pressure according to oil amount balance of said oil pump relative to the engine speed and controlling the line pressure according to the calculated value of the line pressure.

2. A hydraulic control apparatus for a V-belt type continuously variable transmission according to claim 1,

comprising:

an oil temperature sensor that detects a temperature of oil in the V-belt type continuously variable transmission; and

wherein said hydraulic control section is operable when calculating the value of the line pressure according to the oil amount balance of said oil pump, for calculating the value of the line pressure according to the temperature detected by said oil temperature sensor.

3. A hydraulic control apparatus for a V-belt type continuously variable transmission according to claim 1 or 2, wherein said hydraulic control section is operable when controlling the line pressure according to the oil amount balance of said oil pump, for multiplying a value of the secondary pressure, which is intended to be specified, by a ratio of the line pressure according to the oil amount balance of said oil pump to the line pressure which has been intended to be specified, and controlling the secondary pressure according to the calculated value of the secondary pressure.